SHDSL Network Extender 2040

SNE2040G-S, SNE2040G-P, SNE2040G-Kit

Four Port Loop Bonding SHDSL Network Extender/Subscriber Unit

Overview

Paradyne's family of EFM Based Network Extenders provide an extremely flexible and easy to use solution for providing Ethernet based services to subscribers throughout the service providers network.

Paradyne's SNE2040G is a EFM Based loop bonding CPE for Paradyne's IP based 12000/4000 BLCs that provides up to 9.2 Mbps of symmetrical bandwidth using four copper pairs.

The SNE2040 features four SHDSL ports, each capable of up to 2.3 Mbps symmetrical bandwidth. When used with any of Paradyne's Ethernet Loop Bonding compatible products, one, two, three or four copper pairs may be used to deliver high-speed symmetrical bandwidth at any given distance. In addition, the SNE2040G can be used in a point-to-point configuration for high speed copper connections between two locations. Paradyne's loop bonded SHDSL provides automatic load balancing and fail-over to provide optimum redundancy and data throughput, all delivered using Paradyne's plug 'n' play architecture for cofiguration free deployment.

The SNE2040G-S is built on Paradyne's DSL the Easy Way™ architecture, providing plug 'n' play installation and completely removing configuration requirements, allowing this device to be installed quickly and easily at the customer premise. Like all of Paradyne EFM based products, the SNE2040G is Ethernet-based, allowing for optimum throughput and reliability.

Features

- DSL the Easy Way™ Architecture delivers plug 'n' play Loop Bonded lines with NO configuration requirements

- Supports 8 selectable data rates up to 9.2 Mbps (symmetrical)plus rate adaptive mode option

- Configuration-free operation minimizes truck roll/engineering site visits

- Connects directly to any RJ45 10/100 Mbps Ethernet port on a PC or LAN

- Can be used with any loop bonding capable Paradyne IP DSLAM, or in point-to-point configurations

- Automatic load balancing and fail-over on bonded SHDSL ports for optimum throughput and redundancy

Specifications

Dimensions
1.25" (3.2cm) High x 8.5" (21.6cm) Wide x 4.75" (12.1cm) Deep

Weight
1.0 lbs (0.45 kg)

Power
100-125VAC @ 0.15A
200-240VAC @ 0.075A

Interfaces
4 x SHDSL Hybrid RJ11/RJ45 (TC-PAM encoding)
1 x 10/100 Ethernet RJ45

Standards Support
IEEE 802.3 Ethernet
ITU G.991.2 G.SHDSL

Protocol Support
Transparent 802.1D Bridging

Bandwidth/Distance
Up to 2.3 Mbps per SHDSL port (up to 9.2 Mbps loop bonded)
Lower speeds supported up to 24,000 feet/7.3Km

Regulatory Compliance
EMC: FCC Part 15; CSA/C108.8; EN55022; EN55024
CE Marking
Safety: UL1950, CSA C22.2 No. 950; EN60950
CE Marking

Operating Requirements
Temperature: 32°F to 122°F (0°C to 50°C)
Non-operating temperature: -40°F to 158°F (-40°C to 70°C)
Humidity: 5% to 95%, non-condensing
Altitude: -200ft to 16,500ft (-60m to 5,000m)

Ordering Information

SHDSL Kits	
SNE2040G-KIT1US	Four Line Loop Bonding SHDSL Kit Includes (1) SNE2040G-P Provider Unit and (1) SNE2040G-S Subscriber Unit with North American Supply
SNE2040G-KIT1EU	Four Line Loop Bonding SHDSL Kit Includes (1) SNE2040-P Provider Unit and (1) SNE2040G-S Subscriber Unit with European Power Supply
SNE 2040G-KIT1UK	Four Line Loop Bonding SHDSL Kit Includes (1) SNE2040-P Provider Unit and (1) SNE2040G-S Subscriber Unit with UK Power Supply
SHDSL Single Units	
SNE2040G-S-US	Four Port SHDSL Network Extender Subscriber Unit for Loop Bonding with North American Power Supply
SNE2040G-S-EU	Four Port SHDSL Network Extender Subscriber Unit for Loop Bonding with European Power Supply
SNE2040G-S-UK	Four Port SHDSL Network Extender Subscriber Unit for Loop Bonding with UK Power Supply
SNE2040G-P-US	Four Port SHDSL Network Extender Provider for Loop Bonding with North American Power Supply
SNE2040G-P-EU	Four Port SHDSL Network Extender Provider for Loop Bonding with European Power Supply
SNE2040G-P-UK	Four Port SHDSL Network Extender Provider for Loop Bonding with UK Power Supply